

PIPELINE REMEDIATION



PROJECT SCOPE

Developed field oversight and screening processes to identify leaks and releases during excavation and removal of over 10,000 LF of pipeline. Conducted field screening underlying soil following pipeline removal and soil sampling and analysis. Scope of work included directing pipeline contractor on effective practices and methods to contain and handle releases and impacted soil. Locations where soil sample analytical results reported contaminant concentrations above TRRP regulatory limits were delineated and remediated to meet residential standards. Following project completion, prepared a Pipeline Removal Oversight Report to document details of pipeline removal activities and associated field screening and sampling results.

KEY CHALLENGES

Execution of field screening and sampling activities required close coordination with pipeline contractor and project civil engineer and were required to be conducted immediately following pipeline removal from the ground. Field screening and sampling activities were conducted concurrently for multiple separate pipeline removals. Extent of soil impacts were delineated to residential limits prior to commencement of remediation activities.

OUTCOMES/RESULTS

Oversight activities, inclusive of field screening and soil sampling, was effective at identifying areas of releases. Delineation of impacted areas prior to remediation resulted in more efficient excavation activities saving time in the field and project cost. Pipeline Removal Oversight Report provided client with precise areas of impact and confidence that remaining areas were free of leaks or releases. Material handling and assessment approach implemented reduced pipeline contractor time on site and reduced cost of pipeline removal. Remediation activities effectively removed impacted soil and resulted in site conditions meeting residential standards.

LOCATION

Waller County, Texas